

IN THE CLAIMS:

Please amend the claims as follows.

1. (currently amended) A voice-translating remote control comprising:
 - a microphone operable to receive a nontrivial voice command and output a nontrivial voice signal;
 - an audio transmitter operably connected to the microphone to transmit an audio input signal to a host system based on the nontrivial voice signal;
 - a signal receiver arranged to receive a command signal transmitted by the host system; and
 - a signal transmitter operably connected to the signal receiver to transmit a control signal to an appliance based on the command signal.
- a2 2. (original) The remote control of claim 1, wherein the signal transmitter is one selected from the group consisting of an infrared transmitter and a radio frequency transmitter.
3. (original) The remote control of claim 1, wherein the audio transmitter transmits the audio input signal to the host system via wireless communication, and the host system transmits the command signal to the signal receiver via wireless communication.
4. (original) The remote control of claim 1, further comprising a memory for storing appliance identity information.
5. (currently amended) The remote control of claim 4, further comprising a nontrivial ~~voice~~speech-recognition processor for extracting appliance identification information from the nontrivial voice signal.
6. (original) The remote control of claim 1, further comprising a user interface.
7. (original) The remote control of claim 5, further comprising a user interface.
8. (currently amended) A voice-translating remote control system comprising:

a host system comprising a host receiver, a nontrivial ~~voice~~speech-recognition processor, and a host transmitter, wherein the host receiver is operably connected to the nontrivial ~~voice~~speech-recognition processor, which is in turn operably connected to the host transmitter; and

a remote control comprising

a microphone operable to receive a nontrivial voice command and output a nontrivial voice signal,

an audio transmitter operably connected to the microphone to transmit an audio input signal to the host system based on the nontrivial voice signal,

a signal receiver arranged to receive a command signal transmitted by the host system, and

a signal transmitter operably connected to the signal receiver to transmit a control signal to an appliance based on the command signal.

9. (original) The voice-translating remote control system of claim 8, wherein the remote control further comprising a user interface.
10. (original) The voice-translating remote control system of claim 8, wherein the audio transmitter transmits the audio input signal to the host system via wireless communication, and the host system transmits the command signal to the signal receiver via wireless communication.
11. (original) The voice-translating remote control system of claim 8, wherein the signal transmitter is one selected from the group consisting of an infrared transmitter and a radio frequency transmitter.
12. (currently amended) A voice-translating remote control system comprising:
- a host system comprising a host receiver, a nontrivial ~~voice~~speech-recognition processor, and a host transmitter, wherein the host receiver is operably connected to the nontrivial ~~voice~~speech-recognition processor, which is in

turn operably connected to the host transmitter, the host transmitter being capable of transmitting a control signal to an appliance; and
a remote control comprising

a microphone operable to receive a nontrivial voice command and output a nontrivial voice signal, and
an audio transmitter operably connected to the microphone to transmit an audio input signal to the host system based on the nontrivial voice signal.

13. (original) The voice-translating remote control system of claim 12, wherein the audio transmitter transmits the audio input signal to the host system via wireless communication, and the host system transmits the control signal to the appliance via wireless communication.

14. (original) The voice-translating remote control system of claim 12, wherein the host transmitter is one selected from the group consisting of an infrared transmitter and a radio frequency transmitter.

15. (currently amended) A voice-translating remote control comprising:

a microphone to receive a nontrivial voice command and output a nontrivial voice signal;

a first transmitter means operably connected to the microphone for transmitting an audio input signal to a host system based on the nontrivial voice signal;

a receiver means for receiving a command signal transmitted by the host system; [[and]]

a second transmitter means operably connected to the receiver means for transmitting a control signal to an appliance based on the command signal; and

a user interface for validating the command signal.

16. (canceled)

17. (currently amended) A method for controlling an appliance using voice commands comprising:

receiving a nontrivial voice command by a microphone in a remote control and
outputting a nontrivial voice signal;
transmitting an audio input signal based on the nontrivial voice signal to a host
system comprising a host receiver, a speech-recognition processor, and a
host transmitter;
processing the audio input signal by the speech-recognition processor to generate
a command signal;
transmitting the command signal to the remote control;
receiving the command signal by the remote control; [[and]]
wirelessly transmitting a control signal to the appliance based on the command
signal; and
validating the command signal received by the remote control.

18. (original) The method of claim 17, wherein transmitting the audio input signal to the
host system is via wireless communication and transmitting the command signal to
the remote control is via wireless communication.

19. (canceled)

20. (currently amended) A method for remotely controlling an appliance using voice
commands comprising:

receiving a nontrivial voice command by a microphone in a remote control and
outputting a nontrivial voice signal;
transmitting an audio input signal based on the nontrivial voice signal to a host
system comprising a host receiver, a nontrivial speech-recognition
processor, and a host transmitter;
processing the audio input signal by the nontrivial speech-recognition processor to
generate a command signal; and
wirelessly transmitting the command signal from the host system to the appliance.

- 92 21. (original) The method of claim 20, wherein transmitting the audio input signal to the host system is via wireless communication.
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